

Table S2: Sleep characteristics as analyzed by conventional scoring in all patients (n=23) and in patients in propofol (n=12) and dexmedetomidine (n=11) study.

	Sedation off			Sedation on		
Variables	All patients	Prop. study	Dex. study	All patients	Prop. study	Dex. study
TRT (min)	493±149	399.2.1±139	595.2±70.8	467±111	397±103	543±56
SE (%)	40.5±35.5	53.6±36.3	26.2±29.8	68.9±27.6*	70.5±33.6	67.2±20.7*
N1 (% TST)	39.3±35.8	47.99±35.9	47.0±33.5	29.9±33.5	46.2±41.0	13.7±9.6*
N2 (% TST)	47.6±33.9	42.1±34.3	45.7±28.9	66.2±31.9*	50.8±38.4	81.7±11.9*
N3 (% TST)	3.2±9.8	2.1±6.2	4.8±13.6	2.8±7.0	2.8±4.2	2.9±9.2
REM (% TST)	5.5±10.6	7.8±13.2	2.5±4.4	1.0±3.2	0.3±0.9	1.8±4.4
TSFI (events/hr.)	15.1±18.6	12.9±14.5	18.1±23.8	6.1±6.7*	6.7±6.1	5.6±7.6

Data are presented as mean±SD. TRT; Total Recording time. SE; Sleep Efficiency. N1, N2, N3; sleep stages during NREM. REM; Rapid Eye Movement stage. TSFI total sleep fragmentation index (arousals and micro-awakenings/hour of sleep).

*Significantly different from patients without sedation (paired t-test)